

**PUBLIC HEALTH AND MEDICAL (EMERGENCY FUNCTION 08)
SITUATION REPORT
ZIKA VIRUS DISEASE 2016
SOUTHERN CALIFORNIA MENINGOCOCCAL DISEASE OUTBREAK 2016
DATE OF REPORT: AUGUST 31, 2016
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
EMERGENCY MEDICAL SERVICES AUTHORITY**

EXECUTIVE SUMMARY

The Medical and Health Coordination Center (MHCC) continues to be activated in response to the Zika Virus Disease 2016 and the Southern California Meningococcal Disease Outbreak 2016. The California Department of Public Health (CDPH) and Emergency Medical Services Authority (EMSA) are currently the only Emergency Function 08 (EF 08) partners at the state level reporting on these activations.

The MHCC is coordinating with EF 08 partners, healthcare facilities and local health departments (LHDs) to ensure responses are timely and accurate.

CDPH and EMSA Duty Officer Programs are monitoring the Zika virus and meningococcal disease outbreak after hours and remain in communication with the Regional Disaster Medical and Health Coordination (RDMHC) Programs and the Medical Health Operational Area Coordinator (MHOAC) Programs throughout California.

Zika Virus

As of August 26, 2016, there have been 189 travel-associated Zika virus infections in California. Two new cases in pregnant women were reported during this operational period. CDPH centers and programs continue to monitor Zika virus disease and provide information to the MHCC related to their specific activities on a weekly basis.

Meningococcal Disease

Since March 2016, there are 26 cases of meningococcal disease, which includes two new cases during this reporting period. Of the 26 cases, there were two fatalities, 24 are men, and of these, 20 identified as men who have sex with men (MSM). Of the 25 cases with known serogroup, all have been identified as serogroup C disease.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Elizabeth Castro
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	Jean Paradis
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Nirmala Badhan
	Contact Information:	916-423-0911

STATE/REGION OVERVIEW

Table 2. State/Region Overview		
Region/State	Proclamation/Declaration	Activation
MHCC	None	Level I

CDPH CENTER/PROGRAM RESPONSE ACTIVITIES

Center for Infectious Diseases (CID) Division of Communicable Disease Control (DCDC)

Epidemiology

Zika Virus

- 189 total cases of Zika have now been reported in California. During this operational period Two new cases in pregnant women were reported
- Pregnant women will be enrolled in the CDC pregnancy registry for follow up
- The following table provides the number of travel-associated infections with Zika virus in California residents in 2015 and 2016. CDPH is following the Centers for Disease Control and Prevention (CDC) testing guidelines. This table is updated every Friday. As of August 26, 2016, there have been 189 travel-associated Zika virus infections in California.
- Total infections: **189**
- Cumulative number of infections due to sexual transmission: **1**
- Cumulative number of infections in pregnant women: **25**
 - Liveborn infants with birth defects: **2**
 - Pregnancy losses with birth defects: **0**

Zika virus infections in California, 2015-2016 ^d (as of August 26, 2016)		
County	Travel-associated	Locally acquired
See list below ^a	44	0
Los Angeles County	40	0
San Diego County	30	0
Orange County	14	0
San Francisco County	14	0
Santa Clara County	13	0
Alameda County	12	0
Contra Costa County	8	0
Riverside County	7	0
San Bernardino County	7	0
Total	189	0

^d Total number includes laboratory-confirmed and probable infections as defined by the Council of State and Territorial Epidemiologists [CSTE Position Statement](#)

^a The following cities or counties have lower numbers of cases: City of Berkeley (1), Fresno County (1), Kern County (2), Lake County (1), City of Long Beach (1), Marin County (4), Merced County (3), Monterey County (1), Napa County (2), Sacramento County (4), San Joaquin County (5), San Mateo County (4), Santa Barbara County (1), Santa Cruz County (1), Solano County (1), Sonoma County (4), Stanislaus County (2), Tulare County (2), Ventura County (1), Yolo County (2), Yuba County (1)

Meningococcal Disease

- 1 case residing in Ventura County has been retrospectively linked to the outbreak through molecular typing at CDC
 - Illness onset was on May 1, 2016
 - Not considered outbreak-associated at the time of case report due to lack of epidemiologic linkage (denied MSM; no recent travel to Los Angeles County, Orange County or the City of Long Beach)
 - Ventura County LHD plans to re-interview case with the supplemental questionnaire developed by Los Angeles County
- 26 cases have been identified as linked or possibly linked to the outbreak
 - Most recent illness onset was on August 11, 2016
 - Cases were reported from Los Angeles County LHD (10), City of Long Beach LHD (7), Orange County LHD (7), Ventura County (1), Out of State (1)
 - 24 of these are males, 20 of whom report having sex with men
 - 12 cases were Hispanic, 8 White (non-Hispanic) 3 Black/African-American, 2 Asian/Pacific Islander and 1 multi-race
 - 2 cases had HIV infection

- 2 deaths
 - None of the cases reported receiving the quadrivalent meningococcal vaccine

Vaccine

Zika Virus

- None

Meningococcal Disease

- August 25, 2016, the Vaccine Workgroup had a conference call with LHDs

Surveillance and Infection Control

Laboratory

Zika Virus

- CDPH is updating blood center documents to align with the Food and Drug Administration (FDA) guidelines released last Friday (August 26, 2016)
- Under the new FDA guidelines all blood banks will be conducting Zika testing of the entire blood supply
- CDPH distributed the FDA guidance
- CDPH is assessing the need for further California specific guidance

Vector Surveillance and Control

- *Aedes aegypti* mosquitos have been discovered in some census tract areas of already affected counties. No new counties have been identified
- CDPH Vector Control continues distributing pesticide and spraying equipment to counties that have requested those resources
- CDPH Vector Control will be posting interactive maps showing all *Aedes* mosquito detection sites on the CDPH Zika webpage <http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx>

Meningococcal Disease

- None

Center for Family Health (CFH)

Zika Virus

- CFH is working on the incident guidance from two weeks ago
- CFH is working with Los Angeles County to get “birth defects” money and expects to be successful
- CFH continues to conduct surveillance of birth defect rates
- The CFH health care provider webinar hosted on August 19 is now posted on the CDPH website and has been widely disseminated by the American College of Obstetricians and Gynecologists (ACOG)

Occupational Health Branch (OHB)

Zika Virus

- OHB operates a Workplace Hazard Helpline and also has an email address on the CDPH website through which inquiries from the public are received. <https://www.cdph.ca.gov/programs/ohb/Pages/Contact.aspx>

Meningococcal Disease

- None

Emergency Preparedness Office (EPO)

Zika Virus and Meningococcal Disease

- CDPH, EMSA, and the Department of Healthcare Services (DHCS) have activated the MHCC at Level 1 (low) to compile and update information about Zika from a variety of sources and to coordinate response activities across CDPH Centers/Programs
- MHCC and EPO management regularly participate in teleconferences regarding Zika virus with federal, state and local partners, assist in development of guidance documents, and coordinate CDPH Center/Program actions

California Health Alert Network (CAHAN)

Zika Virus

- None

Meningococcal Disease

- None

Office of Public Affairs (OPA)

Zika Virus

- OPA has compiled 92 orders for Zika prevention materials. The package has received positive feedback
- In the past week, there was one inquiry from the press concerning the Food and Drug Administration's recent announcement that all blood banks should test for the Zika virus. The caller was told that CDPH concurs with the guidance issued by the FDA as a safety measure to minimize the risk of Zika virus transmission by blood transfusion and that the risk of contracting Zika from contaminated blood in California is very low
- OPA is working on a local transmission plan for communication

Meningococcal Disease

- The Communications Workgroup had a conference call with LHDs

Social Media Summary

Zika Virus

- One Twitter post was issued to raise awareness of the symptoms of Zika infection

Meningococcal Disease

- CDPH issued a Twitter post to help individuals find a vaccination clinic using the HealthMap Vaccine Finder

News Releases Issued

Zika Virus

- None

Meningococcal Disease

- None

PUBLIC HEALTH ADVISORIES IN EFFECT

Zika Virus

- January 19, 2016: Zika Virus in Latin America.
([http://www.cdph.ca.gov/HealthInfo/discond/Documents/CDPHZikaViru
sHealthAdvisory.pdf](http://www.cdph.ca.gov/HealthInfo/discond/Documents/CDPHZikaViru
sHealthAdvisory.pdf))
- May 26, 2016: Zika, Chikungunya, and Dengue in Latin American and
the Caribbean.
([http://www.cdph.ca.gov/HealthInfo/discond/Documents/HealthandTrav
elAdvosoryZikaDenChik05-26-16.pdf](http://www.cdph.ca.gov/HealthInfo/discond/Documents/HealthandTrav
elAdvosoryZikaDenChik05-26-16.pdf))

Meningococcal Disease

- None

CDC GUIDANCE DOCUMENTS RELEASED

Zika Virus

- The following link contains all of the CDC developed documents related to
Zika: <http://www.cdc.gov/zika/whats-new.html>

Meningococcal Disease

- None

CDPH GUIDANCE DOCUMENTS RELEASED

Zika Virus

- None

Meningococcal Disease

- None